



Washington State Government Responses to Global Warming

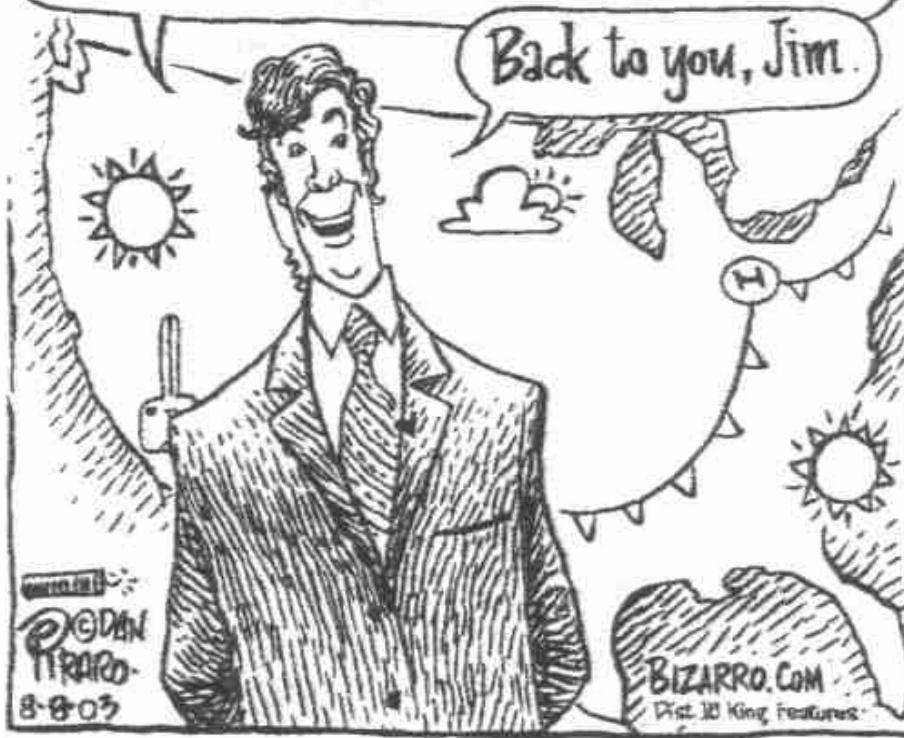
June 15 2006

**Kathleen Drew
WA Governors Office**

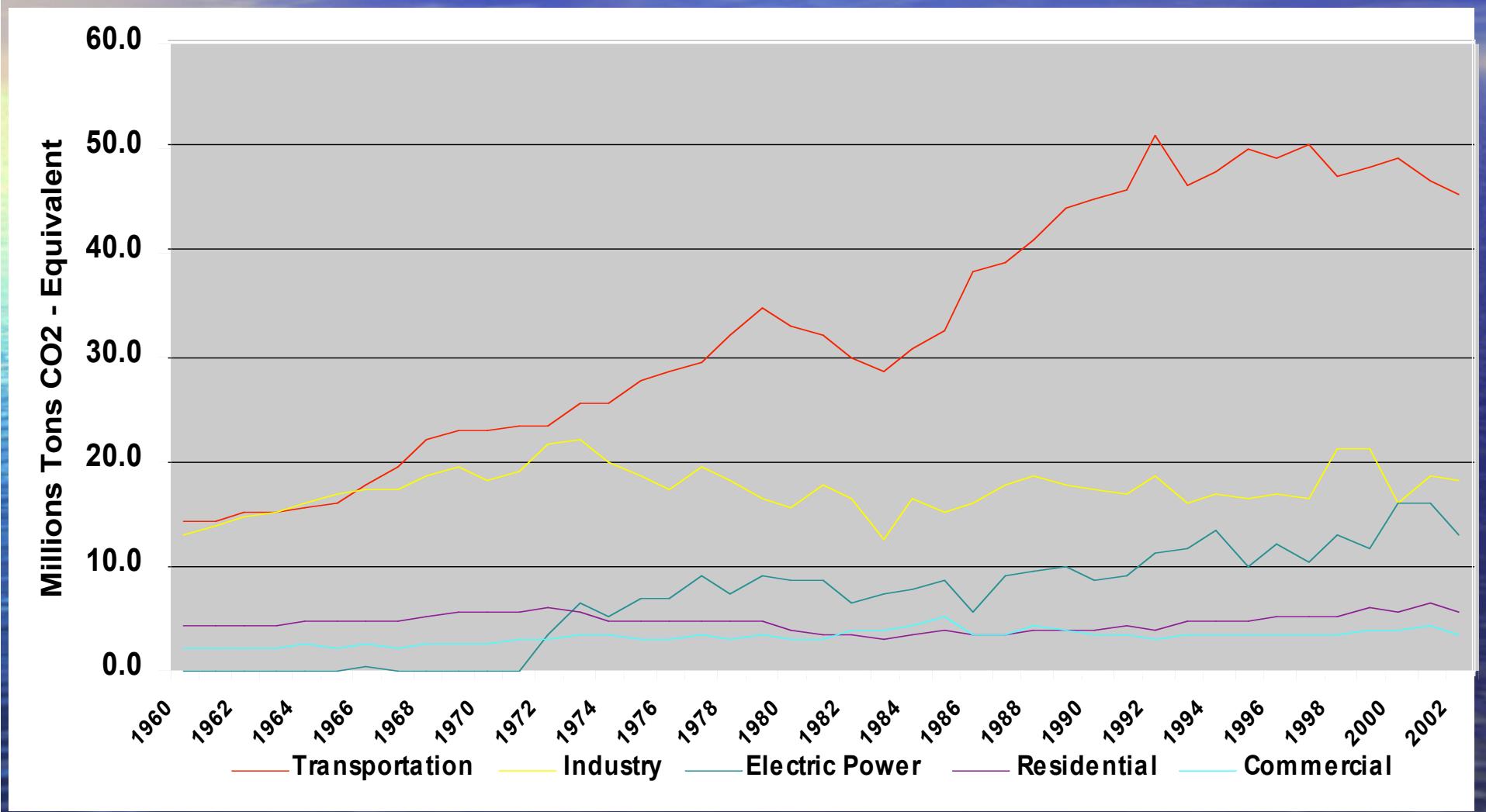
BIZARRO

By Dan Piraro

Our extended forecast includes global warming & the catastrophic end of the human race. But for the weekend, it's looking like sunny skies, mild temperatures, & a general apathy toward environmental concerns.



Washington State Historical Trends of Carbon Dioxide Use Emissions by Sector



Three Major Policy Options

- **Reduction**

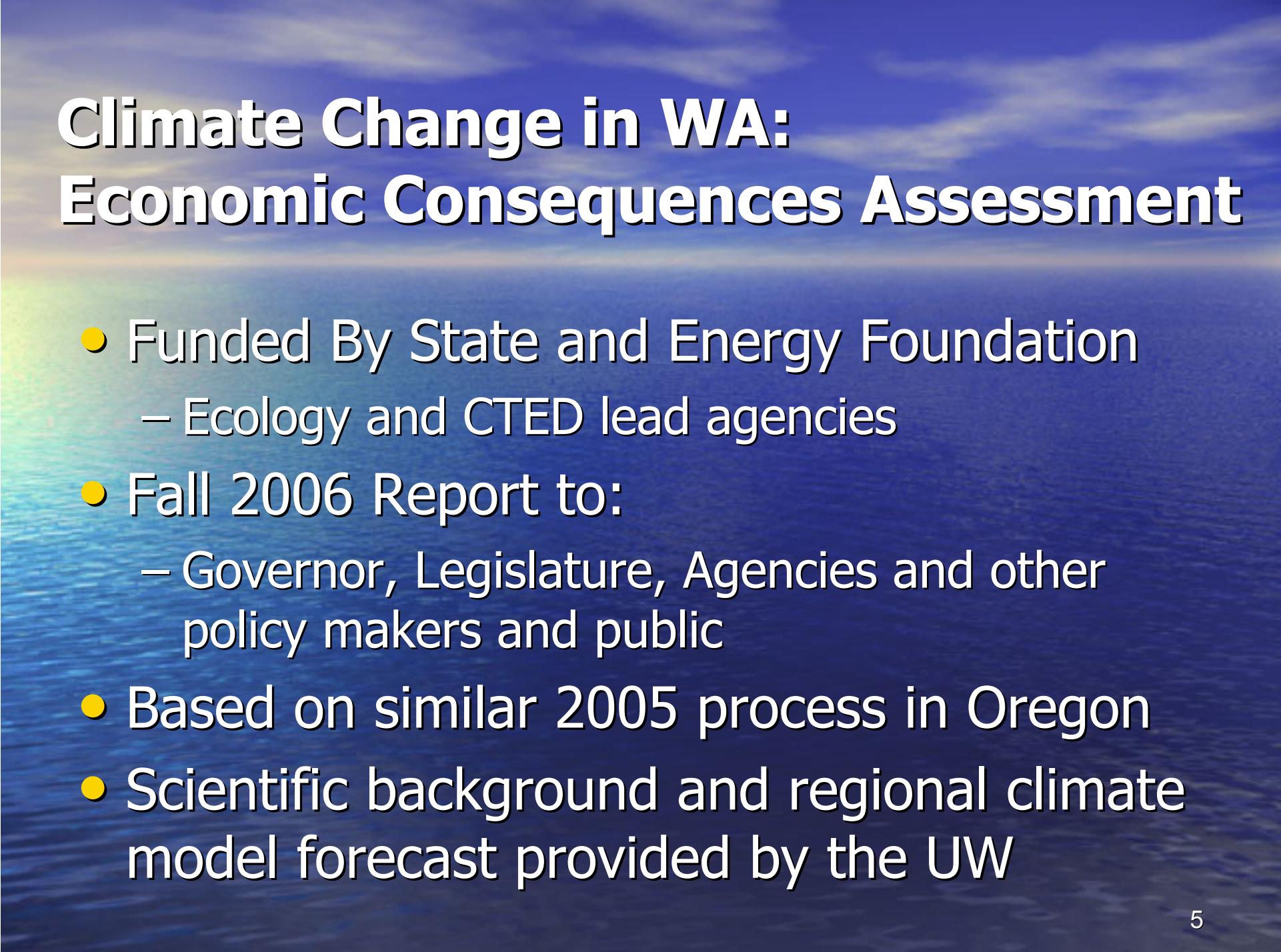
- Eliminate or Decrease Emissions of CO₂ and other greenhouse gases

- **Response**

- Infrastructure changes
 - Behavioral changes
 - Biological changes

- **Removal**

- Remove CO₂ from the Atmosphere – Sequestration
 - WGA sequestration partnerships -
<http://www.westgov.org/wieb/carbonseq/>



Climate Change in WA: Economic Consequences Assessment

- Funded By State and Energy Foundation
 - Ecology and CTED lead agencies
- Fall 2006 Report to:
 - Governor, Legislature, Agencies and other policy makers and public
- Based on similar 2005 process in Oregon
- Scientific background and regional climate model forecast provided by the UW

Report Content

- Executive summary
- Overview of regional climate change impacts
- Overview of impacts on public health, businesses, and infrastructure
- Existing economic analysis of regional climate change impacts
- Future areas of climate change economic research
- Conclusions and policy recommendations

Report Focus: Washington Industries

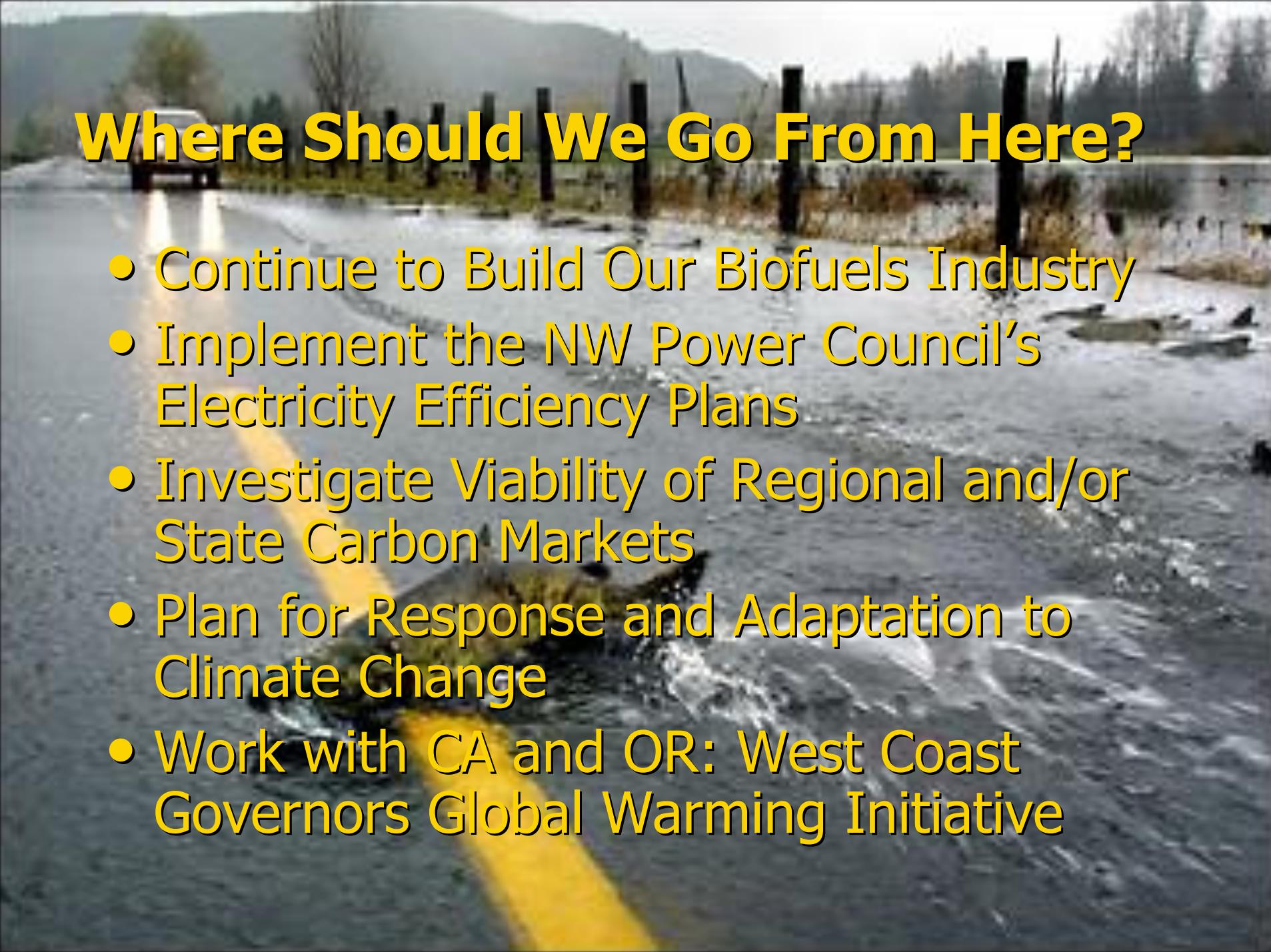
- Winter recreational activities
- Agriculture
 - Yakima Basin and the wine industry
- Hydropower
 - Reduced and earlier stream flows
- Forestry
- Fisheries
- Water utilities
- Ports

Assessment Process

- Steering Committee established
- Panel of experts and advisory/stakeholders assembled
- Kick off Conference in May
- Draft review by August
- Second draft assembled and reviewed in September
- Final product by October

Recent Policy Actions

- 2004 Power Plant GHG Reduction Requirements
- CA Vehicle Emissions Standards
- LEED Silver Standards for Public Buildings
- Product Efficiency Standards
- Biofuels Incentives and Markets



Where Should We Go From Here?

- Continue to Build Our Biofuels Industry
- Implement the NW Power Council's Electricity Efficiency Plans
- Investigate Viability of Regional and/or State Carbon Markets
- Plan for Response and Adaptation to Climate Change
- Work with CA and OR: West Coast Governors Global Warming Initiative